

SECRET

Attachment 1

25X1A

#10,000

25X1A [REDACTED] is a carefully organized set of 70 statistical programs which provide nearly complete support to research in the Social Sciences area. These statistical programs operate under the direction of an executive program which is part of the [REDACTED] system.

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25X1A A revision of the executive portion of the system was recently completed at [REDACTED]. This contract was initiated by the Assessment and Evaluation Staff, Office of Medical Services and funded by Life Sciences Division, Office of Research and Development.

The executive system revision resulted in the simplification of user procedures for initiating [REDACTED] operations by reducing the number and complexity of the required control cards.

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The benefits obtained accrue mainly to the user of the [REDACTED] system. The user no longer needs a basic familiarity with the FORTRAN programming language; he was instead a language which approximates the research language he normally uses.

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25X1A [REDACTED] was designed for an IBM 7090 computer; it has however been successfully emulated on an IBM 360/65. The above revision did not affect the operating characteristics of the system except that the executive program takes longer (in microseconds) to run since it must do more than previously required of it.

The computer is initially used to score and report results of tests administered to applicants for Agency employment. A by-product of this operation is a magnetic tape file of test results for approximately 25,000 people.

25X1A [REDACTED] makes possible a wide variety of descriptive and inferential statistical projects with these test data. There have been 10 such projects in the past six months using samples of 50 to 3,000 cases. Much of the work performed by the [REDACTED] system is based on data matrices larger than 10 X 50.

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The Assessment and Evaluation Staff is hiring a contract employee on a half-time basis to initiate and monitor [REDACTED] runs as required.

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